

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2004/003395

**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 B05B 1/24**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC7 B05B, B05C, B05D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Korean Patents and applications for inventions since 1975 Korean Utility models and applications for Utility models since 1975  
Japanese Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
eKIPASS, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,464,933 B1 (Ford Global Technologies, Inc) 15 OCTOBER 2002 See Column 2, Line 30 - Column 4, Line 30; Figure 2; Claim 11	1
Y	US 5,459,811 A (MSE, Inc., Butte, Mont.) 17 OCTOBER 1995 See Column 3, Lines 2 - 55; Figure 1; Claims 1 - 4.	1
A	KR 99-007365 A (GENERAL ELECTRIC CO.) 25 JANUARY 1999 See Claims 1 - 11	1
A	KR 0245231 B (BASF COATINGS AG.) 15 FEBRUARY 2000 See Claims 1 - 40	1

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

## \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

06 APRIL 2005 (06.04.2005)

Date of mailing of the international search report

**11 APRIL 2005 (11.04.2005)**

Name and mailing address of the ISA/KR



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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/KR2004/003395

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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KR 0245231 B	15.02.2000	US 5855965 A PL 176328 B1 ES 2102075 T3 DK 666778 T3 AT 149885 E DE 59305807 C0 EP 666778 B1 BR 9307379 A SK 280979 B6 PL 308768 A1 WO 9411120 A1 AU 5440794 A1 SK 57195 A3 CZ 9501178 A3 EP 666778 A1 AU 670647 B2 DE 4237594 A1 HU 71984 A2 HU 216132 B JP 8503163 T2 CN 1042547 C CA 2147479 AA CN 1087654 A	05.01.1999 31.05.1999 16.07.1997 15.09.1997 15.03.1997 17.04.1997 12.03.1997 31.08.1999 09.10.2000 21.08.1995 26.05.1994 08.06.1994 08.11.1995 18.10.1995 16.08.1995 25.07.1996 11.05.1994 28.03.1996 28.04.1999 09.04.1995 17.03.1999 26.05.1994 08.06.1994